

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 66 Suppl. No. 0 Contract No. 04 - 0120F4 Road SF-80-13.2/13.9 FED. AID LOC.:

To: **AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENTURE**

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

NOTE: This change order is not effective until approved by the Engineer.

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Adjustment of Compensation at Lump Sum Price:**ITEM 1.**

Change the silicon-based caulking to a non-silicone based caulking at painted structural steel areas as shown in this change order. Revise the fourth paragraph of Section 10-1.59 "STEEL STRUCTURES," subsection "FABRICATION," subsection "Bolted Connections" as shown on sheet 2 of this change order.

The following revised and supplemental plan sheets detail all changes in this change order: 542R2, 543R3, 547R2, 548R3, 552R2, 553R2, 558R2, 559R2, 575R4, 762R2, 825R2, 833R2, 834R2, 835R2, 836R2, 838R2 and 875R3 (of 1204) as shown on sheets 3 through 19 of this change order.

Adjustment of Compensation at Lump Sum Price..... \$100,000.00

ITEM 2.

The items identified above in this change order have been paid as part of CCO 108S1 resolution. Therefore, the amount due under this change order will be adjusted by the amount paid under CCO 108S1 to prevent a double payment. Total amount paid under CCO 108S1, and to be credited to this change, is \$100,000.00.

Adjustment of Compensation at Lump Sum Price..... <\$100,000.00>

CHANGE ORDER COST AND TIME SUMMARY

(ITEM 1) Adjustment of Compensation for work pursuant to this change order	\$100,000.00
(ITEM 2) Amount paid under CCO 108S1 for this change order	<\$100,000.00>
Total net pay for this change order	\$0.00

Contract time is addressed in CCO 108S1 for all work identified in this change order. Therefore, contract time will not be adjusted in this change order.

Estimated Cost: Increase ☐ Decrease ☐ \$0

By reason of this order the time of completion will be adjusted as follows: 0 days

Submitted by

Signature

Resident Engineer

Kannu Balan, Senior.T.E.

Date 6-23-10

Approval Recommended by

Signature

Supervising Bridge Engineer

Richard Morrow, Sup.BE.

Date 6/23/2010

Engineer Approval by

Signature

Principal Transportation Engineer

Gary Pursell, Sup. T.E.

Date 7/12/2010

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by

Signature

(Print name and title)

Date

Michael D. Flowers 7-7-10
Project Director

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The fourth paragraph of Section 10-1.59 "STEEL STRUCTURES," subsection "FABRICATION," subsection "Bolted Sections" is revised as follows:

"Alignment and contact for the tower shaft bolted splice shall conform to the requirements of AWS D1.5, Section 3.5.1.14, except that filler plates will not be permitted between the exterior face of the skin plates and the exterior splice plates. Attention is directed to section 10-1.59, "STEEL STRUCTURES," subsection "FABRICATION," subsection "Fabrication/Erection Procedure and Mock-Ups." The tower lift erection splice mock-up(s) shall demonstrate such contact. Splice plates may be heat bent to achieve contact. At the option of the Contractor, tower lift ends shall be milled to bear or shimmed such that the gap shall be no greater than 2 mm. Thermal cut surfaces shall meet the requirements of AWS D1.5, Section 3.2.2. Shimming of up to 5 mm thickness will be permitted. At any given location, the shim shall be a single thickness of steel. Gaps between shims and skin plates shall be filled with ~~silicone caulk~~ non-silicon type sealing compound conforming to the requirements in Federal Specification TT-S-230, Type II, or other approved material, prior to installation of the exterior splice plates. Over-size holes will not be permitted. The Contractor shall prepare a work plan that describes the procedure for meeting these requirements and that shall be approved by the Engineer before use. The work plan shall be demonstrated on the mock-up required above. The mating segments of each lift shall be mated at the fabrication site, and the required fit demonstrated, before moving each lift to the final assembly site. Bolted connections shall conform to the requirements in the Research Council on Structural Connections, "Specification for Structural Joints Using ASTM A325 or A490 Bolts," 2000 (RCSC Specification), with the following revisions:"

